

# Soc. Chimica Emilio Fedeli S.p.A.

## TECHNICAL GRADE SODIUM BICARBONATE SPECIFICATIONS

Chemical Name : Sodium Bicarbonate

Formula : NaHCO<sub>3</sub>

Molecular Weight : 84.01

CAS No : 144-55-8

EINECS No : 205-633-8

### Chemical Specifications:

Specification		
NaHCO <sub>3</sub>	%	99.1 min
Na <sub>2</sub> CO <sub>3</sub>	%	0.7 max
Cl <sup>-</sup>	mg / kg	700 max
SO <sub>4</sub> <sup>-2</sup>	mg / kg	300 max
Water Insolubles	mg / kg	500 max
Fe (Toplam) / Total Fe	ppm	10 max

### Physical Properties

Specification		
Bulk Density	g/cm <sup>3</sup>	0.75-1.15
Whitness	%	L*= 95 min. (CIE Lab)
Appearance	(visual)	Free flowing white powder
Particle Size		
+75 micron (µm)	%	20-90
+45 micron (µm)	%	60-100